



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.buildingcodeonline.com

Eagle Window and Door, Inc.
375 East 9th St.
Dubuque, IA 50024

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 02 Axiom Clad Wood Casement Window

APPROVAL DOCUMENT: Drawing No. S-2546, titled "Series 02 Axiom Impact Resistant Clad Vent Casement Window", sheets 1 through 5 of 5, prepared by RW Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, dated 05/23/05, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and as well as approval document mentioned above. The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



He.
4/23/06

NOA No 05-0817.13
Expiration Date: February 23, 2011
Approval Date: February 23, 2006

Eagle Window and Door

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **S-2546**, titled "Series 02 Axiom Impact Resistant Clad Vent Casement Window", sheets 1 through 5 of 5, prepared by RW Building Consultants, Inc., dated 05/23/05, signed and sealed by Lyndon F. Schmidt.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an Series 05 Axiom Impact Resistant Clad Vent Awning Window, prepared by Architectural Testing, Test Report No. **TEL 05-0323-3**, dated 07/22/05, signed and sealed by Wendell W. Haney, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by RW Building Consultants, Inc., dated 05/25/05, signed and sealed by Lyndon F. Schmidt, P.E. **ASTM E1300-02**

D. MATERIAL CERTIFICATION

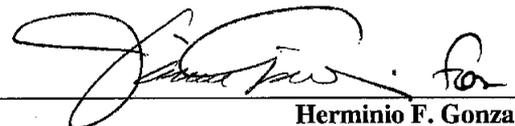
1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass ® Plus" dated 01/17/02, expiring on 01/14/07.
2. Notice of Acceptance No. **03-0417.01** issued to Cardinals LG. for "Laminated Glass Cardinal Sea-Storm" dated 05/15/03, expiring on 12/30/07.

E. STATEMENTS

1. Statement letter of no financial interest, dated 04/05/05, signed and sealed by Ellen Neese, P.E.
2. Statement letter of no financial interest, dated 05/31/05 signed and sealed by Lyndon F. Schmidt.

F. OTHER

1. Letter from the consultant, dated 01/11/06, stating that the product is in compliance with the Florida Building Code (FBC).



Herminio F. Gonzalez
Director, Building Code Compliance Office
NOA No 05-0817.13

Expiration Date: February 23, 2011
Approval Date: February 23, 2006



EAGLE
WINDOWS - DOORS

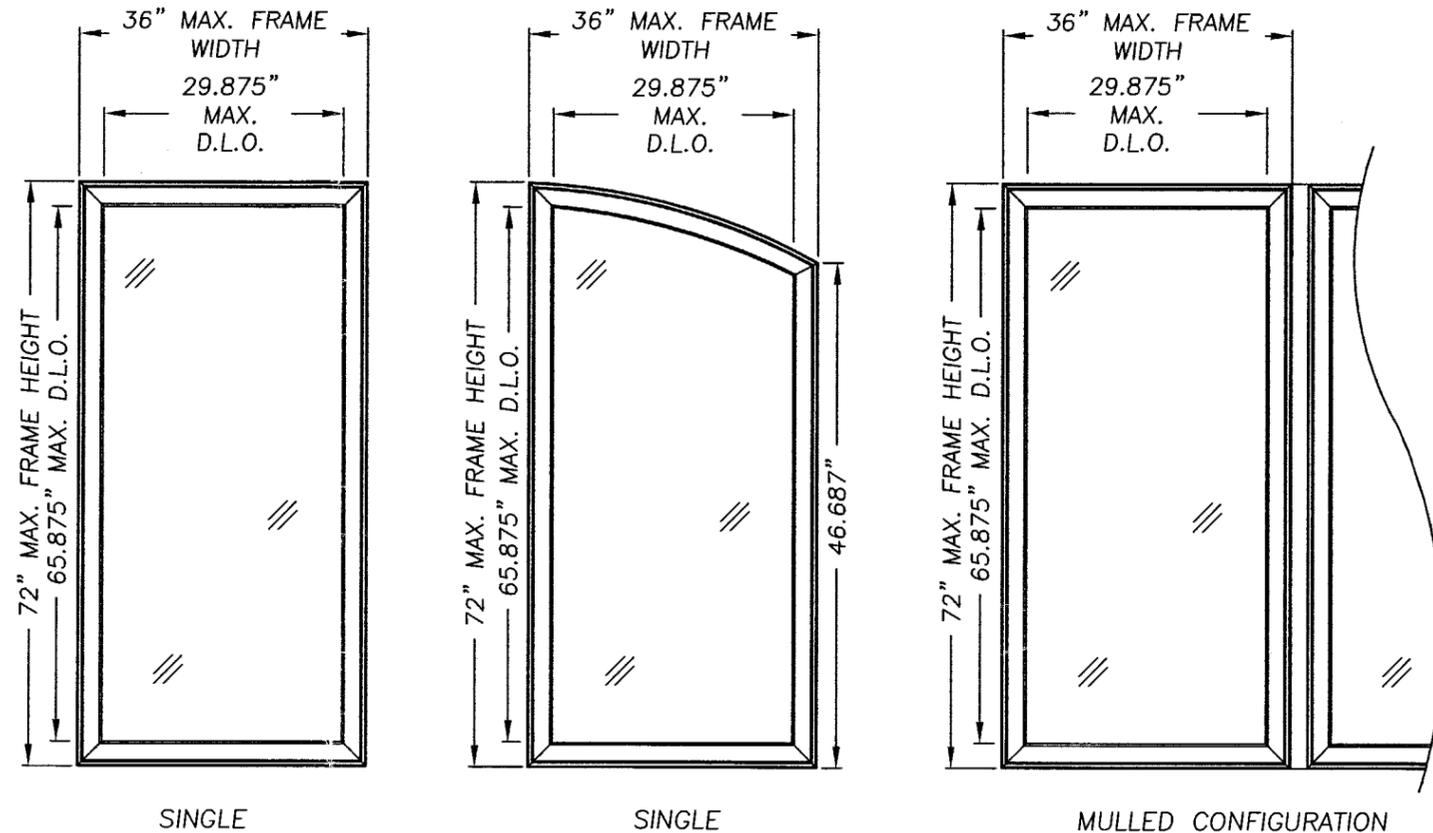
EAGLE WINDOW & DOOR, INC.

2045 Kerper Blvd., Dubuque, IA 52004-1072
PH. 563.556.2270

SERIES 02 AXIOM IMPACT RESISTANT CLAD VENT CASEMENT WINDOW SINGLE UNIT

GENERAL NOTES

- THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 2004 FLORIDA BUILDING CODE (FBC) INCLUDING THE "HIGH VELOCITY HURRICANE ZONE" (HVHZ).
- PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- WHEN USED IN THE "HIGH VELOCITY HURRICANE ZONE" (HVHZ) THIS PRODUCT COMPLIES WITH SECTION 1626 OF THE 2004 FLORIDA BUILDING CODE (FBC) AND DOES NOT REQUIRE AN IMPACT RESISTANT COVERING.
- WHEN USED IN AREAS OUTSIDE OF THE "HVHZ" REQUIRING WIND-BORNE DEBRIS PROTECTION THIS PRODUCT COMPLIES WITH SECTION 1609.1.4 OF THE 2004 FLORIDA BUILDING CODE (FBC) AND DOES NOT REQUIRE AN IMPACT RESISTANT COVERING. THIS PRODUCT DOES NOT MEET THE REQUIREMENTS FOR ENHANCED PROTECTION OF ESSENTIAL FACILITIES AS DEFINED IN ASTM E1996.
- FOR 2X STUD FRAMING CONSTRUCTION, THE ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.
- CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.
- FOR DESIGN PRESSURE RATING SEE CHART THIS SHEET.
- THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES (HVHZ).
- A LOAD DURATION FACTOR "CD" OF 1.6 HAS BEEN APPLIED IN THE DESIGN OF WOOD ANCHORS ONLY, PER ANSI/NFPA NDS 2001 (WHERE WOOD LIMITS THE CONNECTION DESIGN).



DESIGN PRESSURE RATINGS (PSF)

UNIT TYPE	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	ASTM E1300-02	
				POS.	NEG.
SINGLE WINDOW	36.00" x 72.00"	29.875" x 65.875"	13/32" THK. LAM. ANNEALED GLASS	+65.0	-75.0
SINGLE WINDOW	30.00" x 72.00"	23.875" x 65.875"	13/32" THK. LAM. ANNEALED GLASS	+70.0	-80.0
MULLED CONFIGURATION	36.00" x 72.00"	29.875" x 65.875"	13/32" THK. LAM. ANNEALED GLASS	+65.0	-75.0
MULLED CONFIGURATION	30.00" x 72.00"	23.875" x 65.875"	13/32" THK. LAM. ANNEALED GLASS	+70.0	-80.0

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SHEET #	DESCRIPTION
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2	VERTICAL & HORIZONTAL CROSS SECTIONS
3	ANCHORING LOCATIONS
4	COMPONENTS
5	BILL OF MATERIALS & GLAZING DETAILS

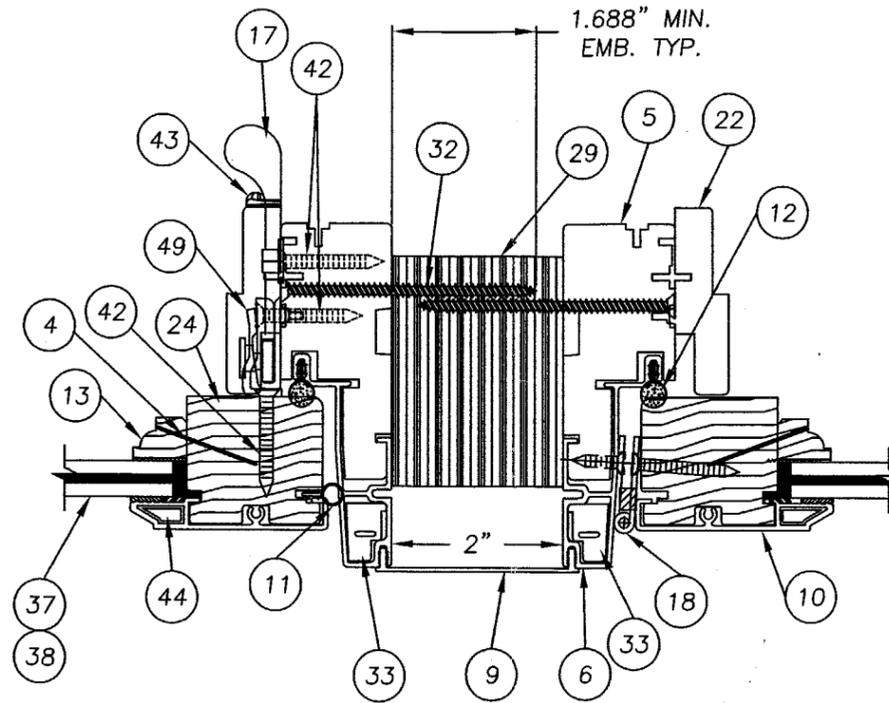
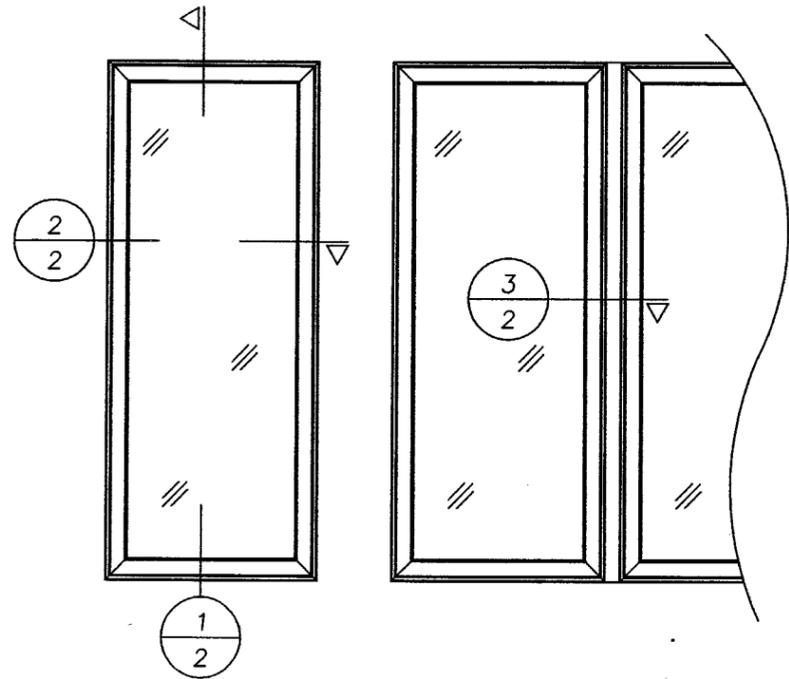
Approved as complying with the Florida Building Code
Date 02/23/06
NOA 05-0817.13
Miami Dade Product Control
Division
By [Signature]

DATE: 05/23/05
SCALE: N.T.S.
DWG. BY: CMK
CHK. BY: LFS
DRAWING NO.: S-2546
SHEET 1 OF 5

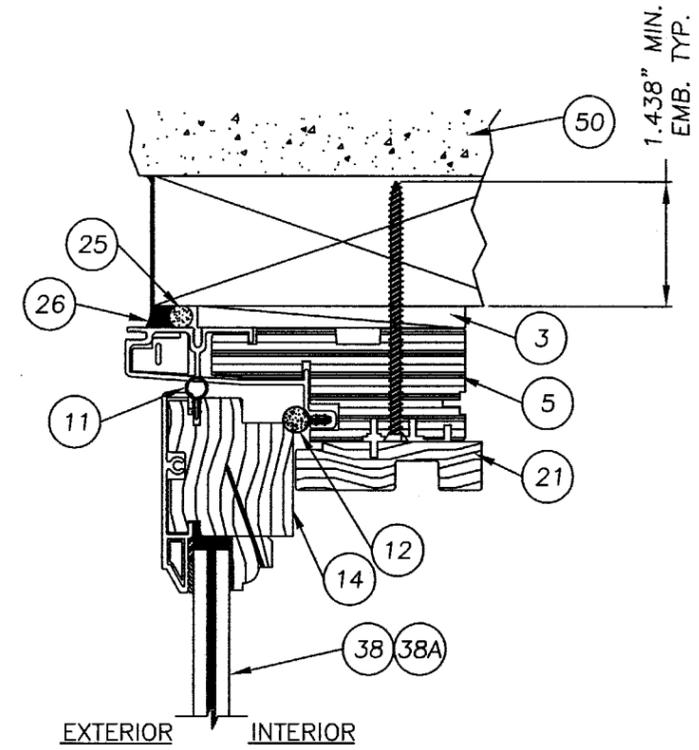
PRODUCT: SERIES 02 AXIOM IMPACT RESISTANT CLAD VENT CASEMENT WINDOW
PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
1	12/15/05	REVISED PER DADE LETTER AEM BY

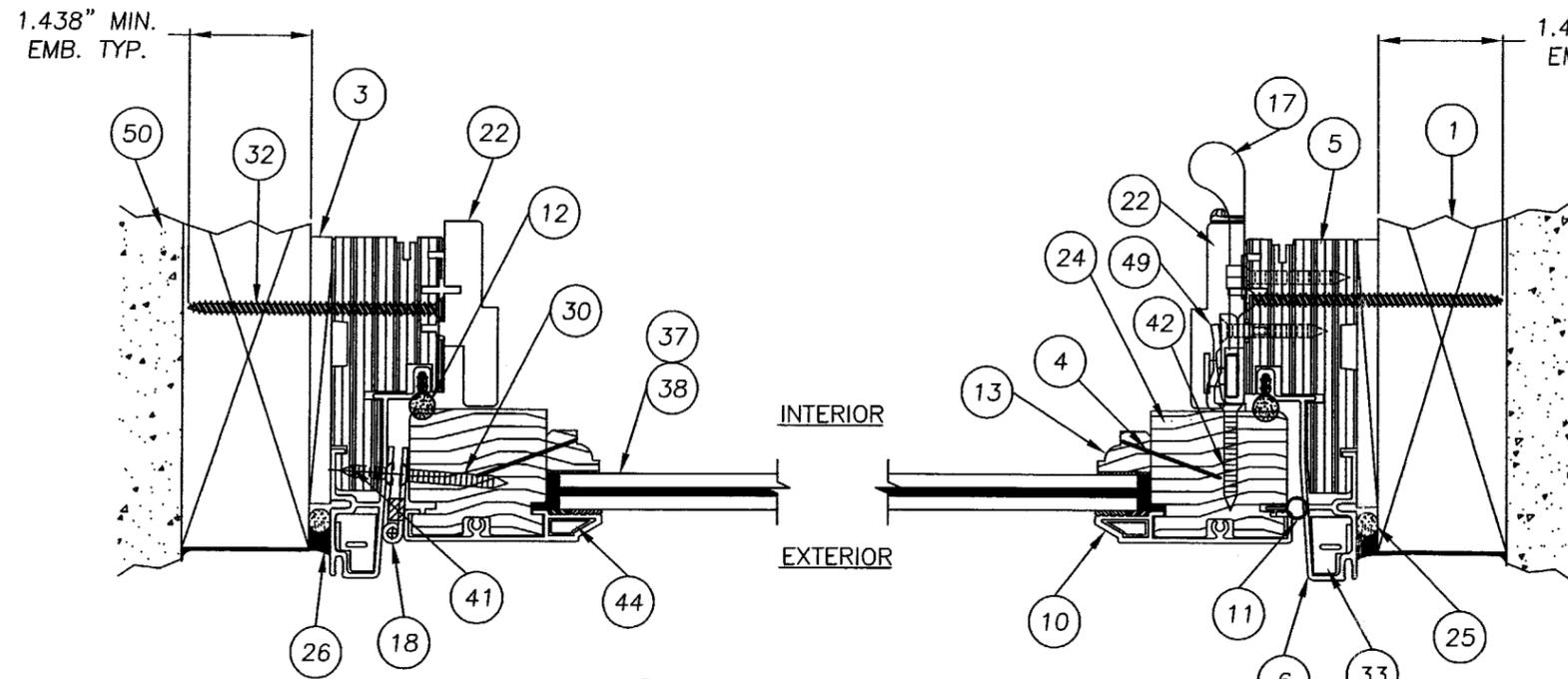
Documents Prepared By: **RW** BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Lyndon, F. Schmidt, P.E. NO. 43409
12-15-05



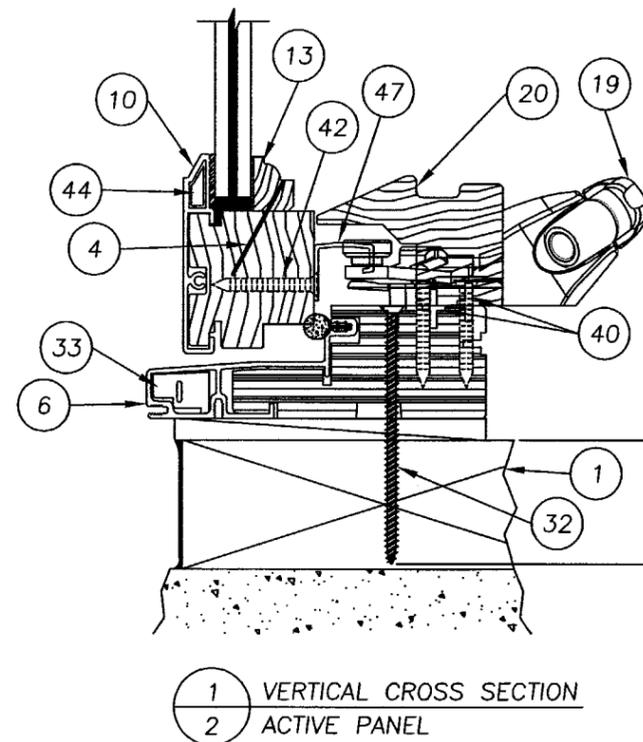
3 HORIZONTAL CROSS SECTION AT MULLION



1 VERTICAL CROSS SECTION
2 ACTIVE PANEL



2 HORIZONTAL CROSS SECTION
2 ACTIVE PANEL



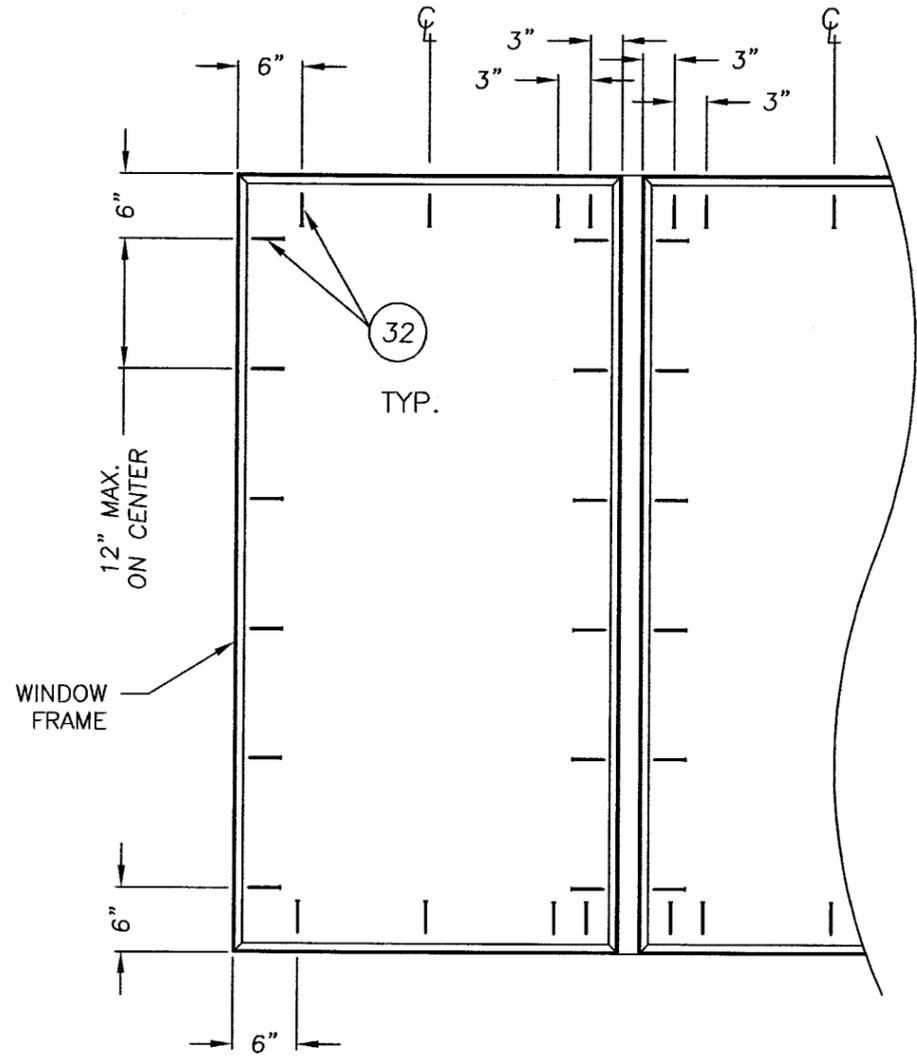
Approved as complying with the
Florida Building Code
Date 02/23/06
NOA# 05-0817.13
Miami-Dade Product Control
Division
By *M. Khair*

DATE: 05/23/05
SCALE: N.T.S.
DWG. BY: CMK
CHK. BY: LFS
DRAWING NO.: S-2546
SHEET 2 OF 5

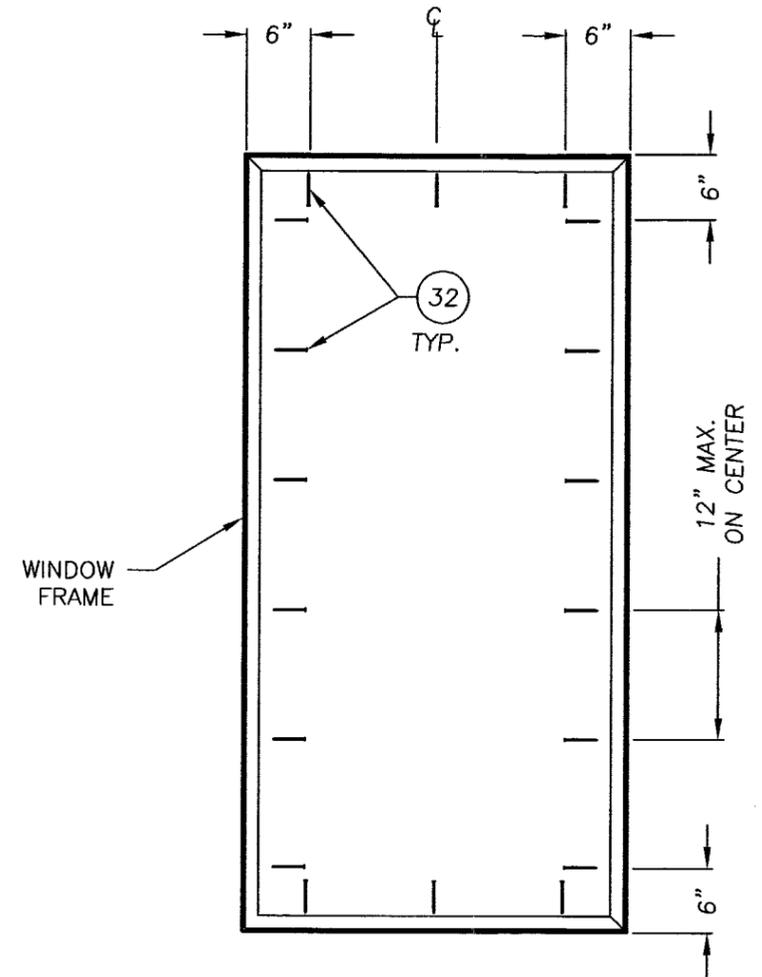
PRODUCT:
SERIES 02 AXIOM
IMPACT RESISTANT
CLAD VENT CASEMENT WINDOW
PART OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS	AEM	BY
1	12/15/05	REVISED PER DADE LETTER		

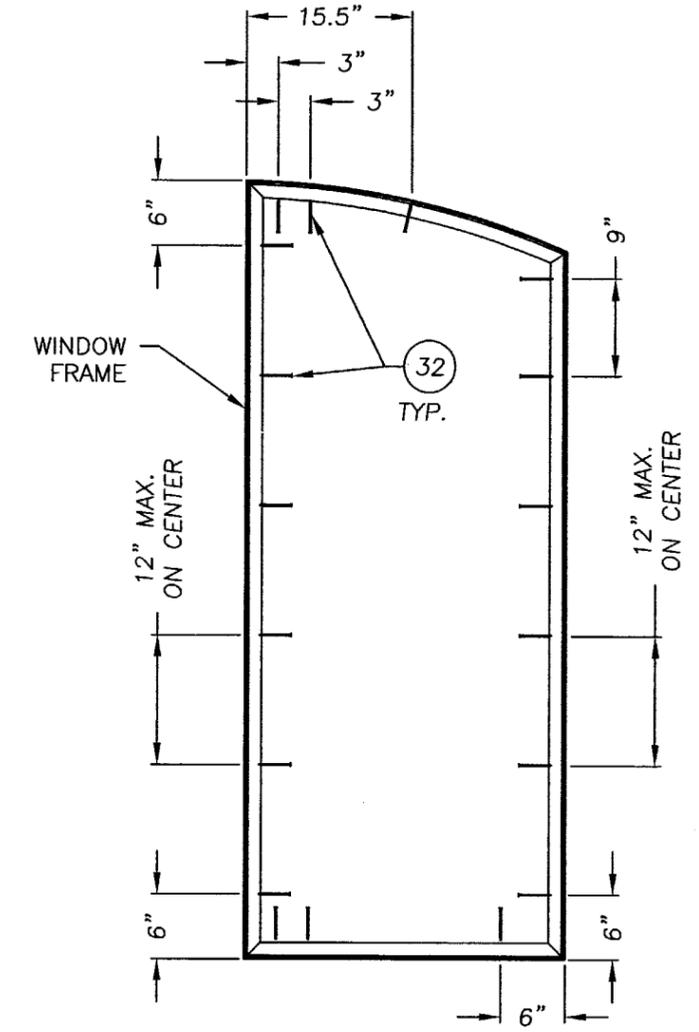
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Lyndon, F. Schmidt, P.E. NO. 43409



MULLED FRAME ANCHORING



RECTANGULAR FRAME ANCHORING



RADIUS FRAME ANCHORING

Approved as complying with the Florida Building Code
 Date: 02/23/06
 NCAP 05-0812.13
 Miami Dade Product Control
 By: *[Signature]*

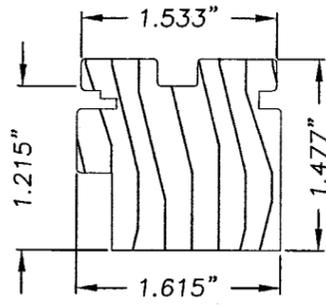
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vairico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 98113
 Lyndon, F. Schmidt, P.E. NO. 43409

PRODUCT:
 SERIES 02 AXIOM
 IMPACT RESISTANT
 CLAD VENT CASEMENT WINDOW
 PART OR ASSEMBLY:
 ANCHORING LOCATIONS

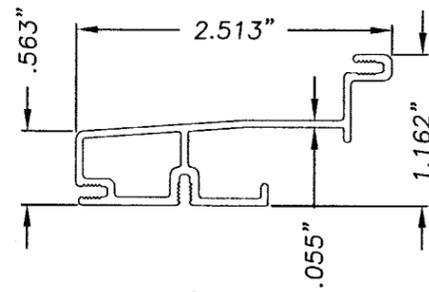
NO.	DATE	REVISED PER	DADE LETTER	AEM	BY
1	12/15/05				

DATE: 05/23/05
 SCALE: N.T.S.
 DWG. BY: CMK
 CHK. BY: LFS
 DRAWING NO.: S-2546
 SHEET 3 OF 5

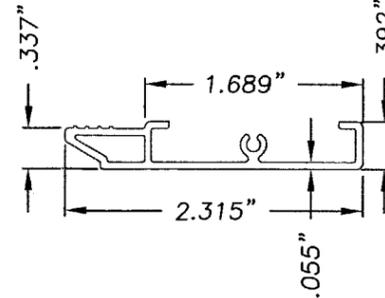
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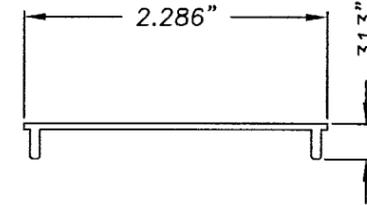
14 SASH RAIL



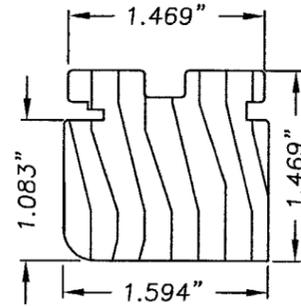
6 FRAME COVER CLADDING



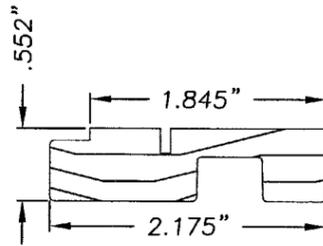
10 SASH CLADDING



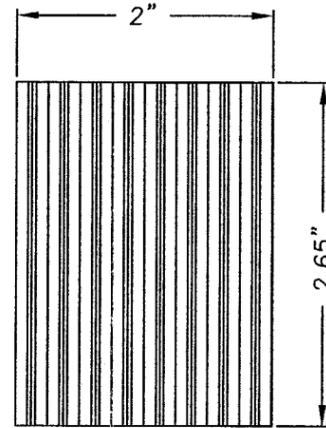
9 MULLION COVER ALUMINUM



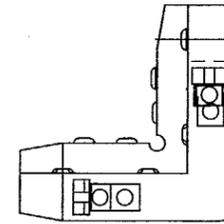
24 SASH STILE



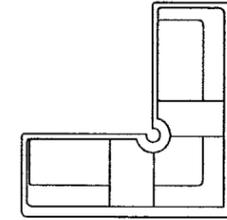
21 HEAD STOP



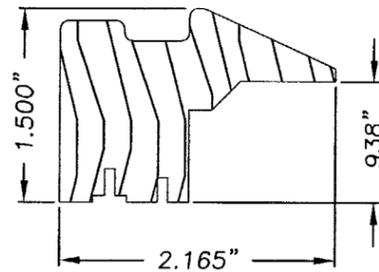
29 MULLION (LVL)



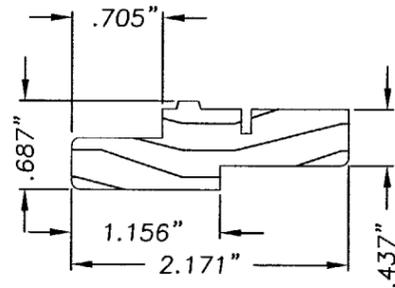
44 SASH CORNER KEY



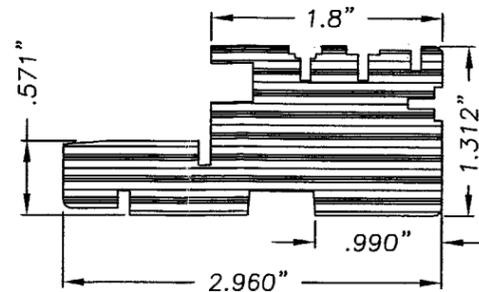
33 FRAME CORNER KEY



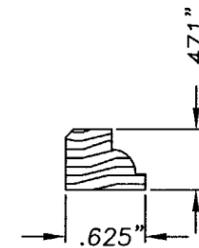
20 SILL COVER



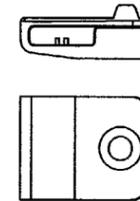
22 STOP COVER



5 HEAD & SILL JAMB FRAME MEMBER



13 GLASS STOP



7 MIRAGE TIE BAR GUIDE

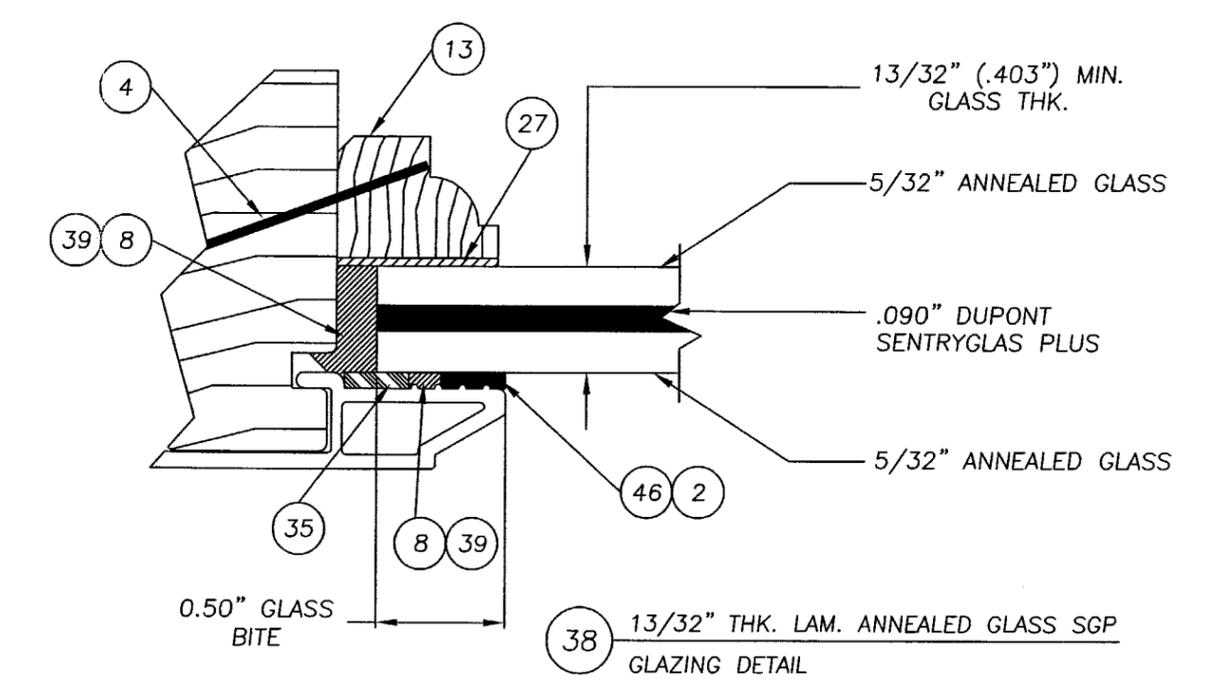
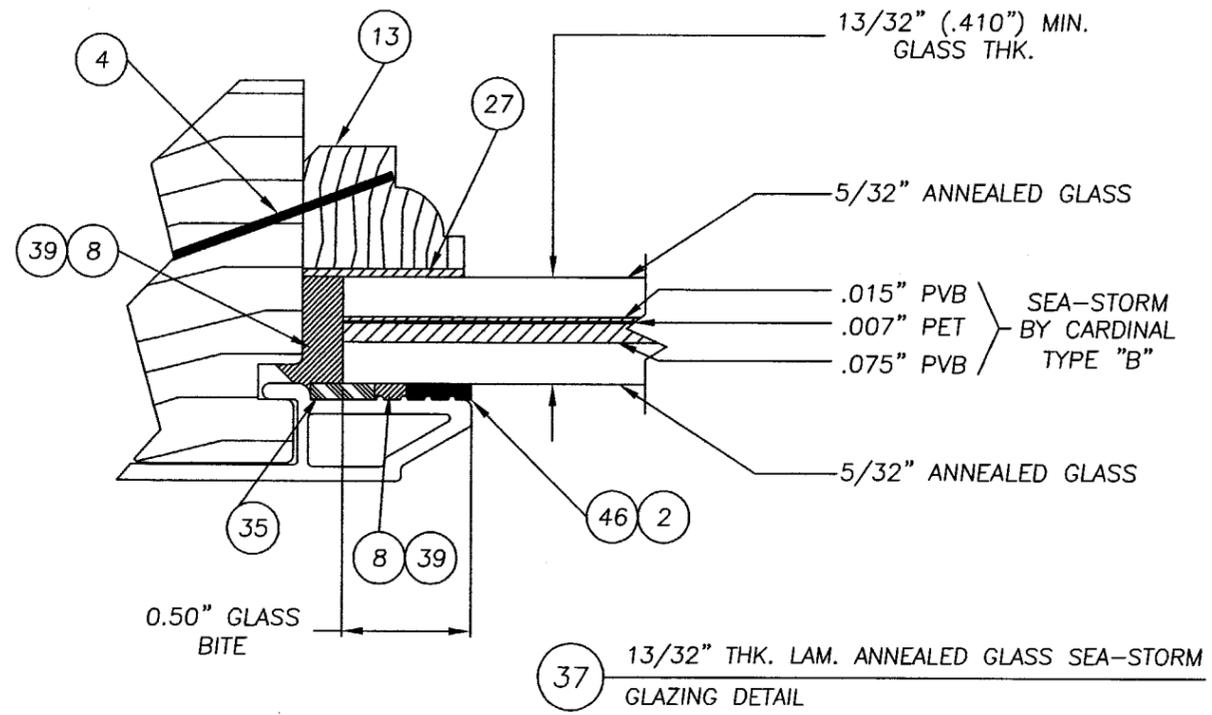
Approved as complying with the Florida Building Code
 Date: 02/23/06
 NOA# 05-0212-13
 Miami Dade Product Control Division
 By: *[Signature]*

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 38143
 12.15.05
 Lyndon, F. Schmidt, P.E. NO. 43409

PRODUCT:	SERIES 02 AXIOM IMPACT RESISTANT CLAD VENT CASEMENT WINDOW	
PART OR ASSEMBLY:	COMPONENTS	
NO.	DATE	REVISIONS
1	12/15/05	REVISED PER DADE LETTER AEM
		BY

DATE:	05/23/05
SCALE:	N.T.S.
DWG. BY:	CMK
CHK. BY:	LFS
DRAWING NO.:	S-2546
SHEET	4 OF 5

ITEM	DESCRIPTION	MATERIAL
1	2X WOOD BUCK	WOOD
2	1/8" DIA. BUTYL ROPE	-
3	1/4" MAX SHIM SPACE	WOOD
4	18ga X 1-1/4" BRAD TRIM NAIL	STEEL
5	FRAME MEMBER (2.96" X 1.312") LAMINATED VENEERED LUMBER (LVL)	WOOD (LVL)
6	FRAME CLADDING (1.162" X 2.513")	ALUM.
7	TIE BAR GUIDE	PLASTIC
8	PECORA 896 SEALANT	SILICONE
9	MULLION COVER	ALUM.
10	SASH CLADDING (.392" X 2.315")	ALUM.
11	SASH WEATHER-STRIP	-
12	FRAME WEATHER-STRIP	-
13	GLASS STOP (CLEAR PINE) (.625" X .471")	WOOD
14	SASH RAIL (CLEAR PINE) (1.615" X 1.477")	WOOD
15	MULTI-POINT LOCK BAR (2-POINT)	STEEL
16	SASH LOCK KEEPER	STEEL
17	MULTI-POINT HANDLE	STEEL
18	2" PIANO HINGE	STAINLESS
19	CASEMENT OPERATOR PIANO	STEEL
20	SILL TRIM / SASH STOP (CLEAR PINE) (2.165" X 1.500")	WOOD
21	HEAD TRIM / SASH STOP (CLEAR PINE) (2.175" X .552")	WOOD
22	SIDE TRIM / SASH STOP (CLEAR PINE) (2.171" X .687")	WOOD
23	SASH HOOK LOCK	STEEL
24	SASH STILE (CLEAR PINE) (1.594" X 1.469")	WOOD
25	BACKER ROD	FOAM
26	SEALANT	SILICONE
27	BUTYL TAPE	BUTYL
28	#8 X 1" FH SMS	STEEL
29	MULLION LAMINATED VENEERED LUMBER (LVL)	WOOD (LVL)
30	#8 X 1-1/4" PFHWS	STEEL
31	#8 X 3/4" PFHWS S.S.	STEEL
32	#8 X 3" PFHWS	STEEL
33	FRAME CORNER KEY	ABS COMPOUND
34	NOT USED	-
35	GLAZING SHIM (.250" X .065" X 4.0")	NEOPRENE
36	NOT USED	-
37	13/32" THK. LAM. ANNEALED GLASS (SEA-STORM BY CARDINAL) 5/32" ANN./ .015" PVB - .007" PET -.075" PVB / 5/32" ANN.	GLASS
38	13/32" THK. LAM. ANNEALED GLASS (SENTRYGLAS PLUS by DUPONT) 5/32" ANN. / .090" SGP / 5/32" ANN.	GLASS
39	SILICONE GLAZING COMPOUND DOW 995	SILICONE
40	BLIND NAILING SPLINE	VINYL
41	#7 X 5/8" FHWS S.S.	STAINLESS
42	#7 X 1-1/4" FH SMS	STAINLESS
43	HANDLE BEZEL	PLASTIC
44	SASH CORNER KEY	ABS COMPOUND
45	NOT USED	-
46	GLAZING TAPE .094" X 265" BUTYL TAPE	-
47	SASH TRACK	STAINLESS
48	NOT USED	-
49	KEEPER MULTI POINT	STAINLESS
50	MASONRY	CONC.



Approved as complying with the Florida Building Code
Date 02/23/06
NOA# 05-0813-13
Miami-Dade Product Control Division
By *[Signature]*

Documents Prepared By: **RW** BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers Certificate Of Authorization No. 9813
Lyndon, F. Schmidt, P.E. NO. 43409

PRODUCT: SERIES 02 AXIOM IMPACT RESISTANT CLAD VENT CASEMENT WINDOW
PART OR ASSEMBLY: BILL OF MATERIALS & GLAZING DETAILS

NO.	DATE	REVISIONS	BY
1	12/15/05	REVISED PER DADE LETTER	AEM

DATE: 05/23/05
SCALE: N.T.S.
DWG. BY: CMK
CHK. BY: LFS
DRAWING NO.: S-2546
SHEET 5 OF 5